

BRONCO

SHORT THROW SHIFTER

TOOLS REQUIRED






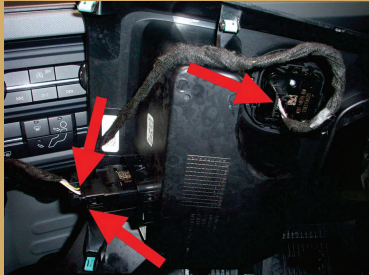
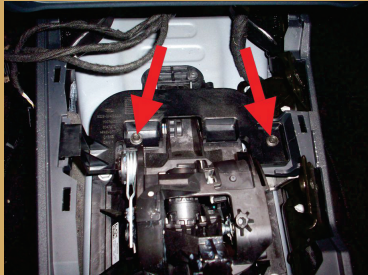
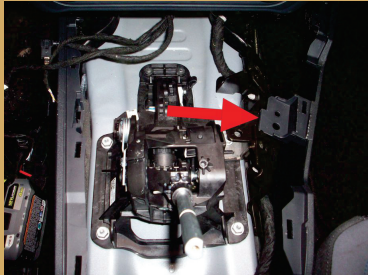
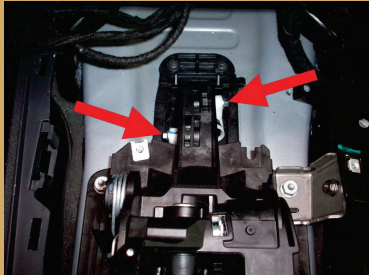
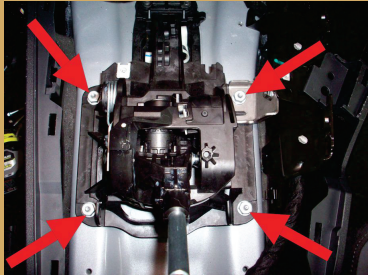
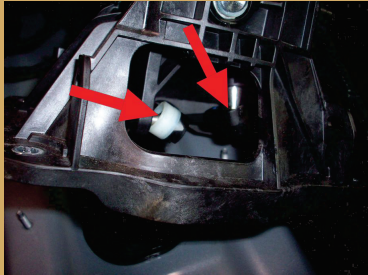
M7 socket wrench
M8 socket wrench
M12 socket wrench
T30 Torx toolbit
3 MM allen wrench
Pliers
Flat screw driver
Interior pry tool
1/8 punch
Small hammer

TOOLS REQUIRED

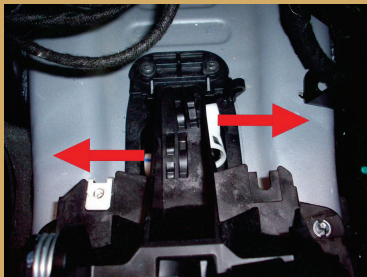
Razor blade
Dremel
1/2x1/2x1 1/2 piece of wood

MATERIALS REQUIRED

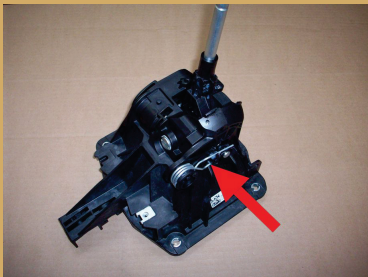
Mobil 1 synthetic grease

| | | | |
|--|--|--|---|
| <p>1</p> <p>Remove the grip handle.</p> | <p>2</p> <p>Remove the screw holding side panel.</p> | <p>3</p> <p>Insert the razor blade under the shift pattern insert and pry it off. Remove the shift knob screw. Remove the shift knob.</p> <p>IF INSTALLING THE SHIFTER KNOB ONLY SKIP TO THE STEP 33</p> | <p>4</p> <p>Remove the shifter boot.</p> |
|  |  |  |  |
| <p>5</p> <p>Remove the center console cover by pulling it up and out.</p> | <p>6</p> <p>Remove the wire harness.</p> | <p>7</p> <p>Remove the support bracket.</p> | <p>8</p> <p>Pull the right side panel out to gain access to the mounting screws.</p> |
|  |  |  |  |
| <p>9</p> <p>Remove the side bracket.</p> | <p>10</p> <p>Remove the screws securing the shifter cables to the shifter base.</p> | <p>11</p> <p>Remove the shifter base screws.</p> | <p>12</p> <p>Disconnect the shifter cables.</p> |
|  |  |  |  |

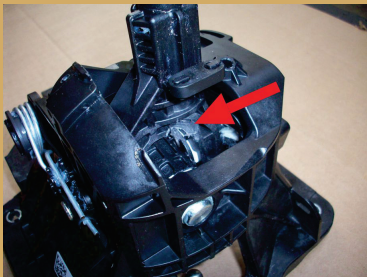
13 Remove the shifter cables from the base.



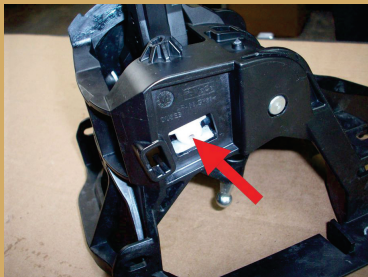
14 Remove the shifter arm spring.



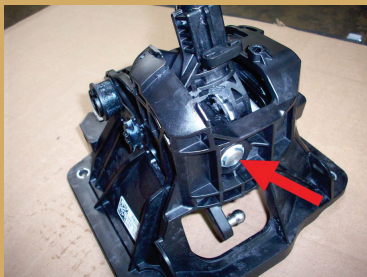
15 Using the Dremel tool remove material in the marked area to gain access to the spring clip. Remove the spring clip.



16 Punch out the side shift pivot pin.



17 Punch out the main pivot pin. Remove the shifter from the base.



18 Remove the side shift pivot housing from the shifter. Remove the pivot bushings from the shifter.



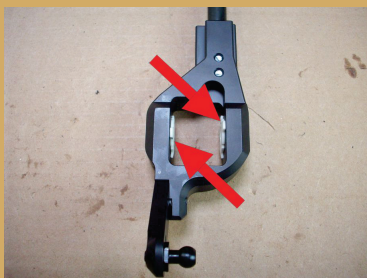
19 Preinstall the spring clip.



20 Prepare the Boomba Racing short throw shifter for installation.



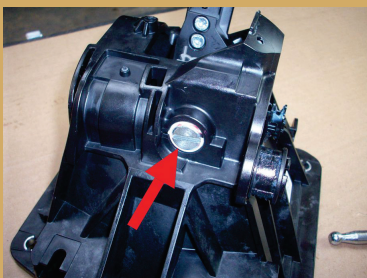
21 Install the pivot bushings into the Boomba Racing short throw shifter.



22 Insert the side shift pivot housing. Orientation of the housing in relation to the shifter is important.



23 Insert the short throw shifter into the housing. Install the main pivot pin. Make sure that the slot is in a horizontal position.



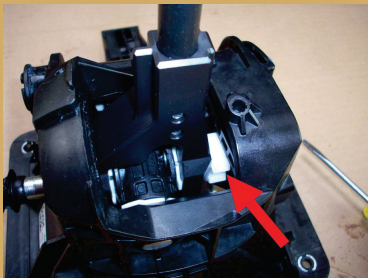
24 Line up the holes in the shifter and the shifter base. Push in the side shift pivot pin.



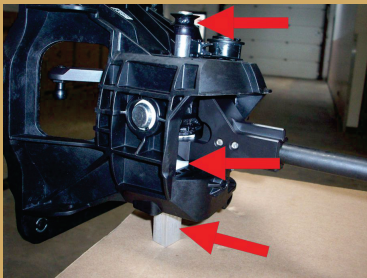
25 Make sure the end of the pin is flush with the side of the short throw shifter.



26 Insert the side shift bushing and align it with the side shift pivot pin.



27 Rest the bushing on the block of wood. Gently tap the side shift pivot pin until it engages with the bushing. Remove the support, and push the pin in until it engages the spring clip.



28 Install the side shift spring.



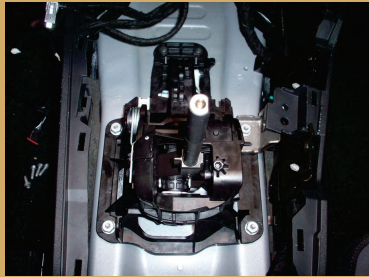
29 Pry on the reverse lock latches and remove the reverse lock from the boot. Remove the pull ring from the boot.



30 Install the Boomba Racing pull ring. Orientation of the slot in respect to the boot is important. Push the reverse lock on the pull ring. Make sure the latches engage with the slots.



31 Reinstall the shift cables secure them to the shifter base. Secure the shifter base to the floor.



32 Reinstall the support brackets and the side trim. Reinstall the center console cover, the shifter boot and the grip handle.



33 Prepare the Boomba Racing shift knob for installation.



34 Secure the shift knob to the shifter with the screw.



35 Align and push in the shift pattern insert.

